



TENNESSEE
AGRICULTURAL
STATISTICS
SERVICE

State Statistician: Gene Danekas
P.O. Box 41505
Nashville, TN 37204-1505
1-800-626-0987

<http://www.nass.usda.gov/tn>

TENNESSEE WEEKLY WEATHER AND CROP BULLETIN



Released Weekly April - November

2000 Weather Crop 5

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Week Ending April 30, 2000

WHEAT IN GOOD CONDITION, BUT DISEASE PRESSURE BUILDING

The wheat crop in Tennessee is currently rated in mostly good-to-excellent condition, and crop progress is slightly ahead of normal. Disease pressure has been fairly light for most of the Spring, but growers have recently encountered more problems because of the recent cool, wet conditions. At this time, yield expectations remain good, but only time will tell what affects these diseases will have on final production. As of Sunday, 73 percent of the crop had headed, nearly 4 days ahead of the five-year average. An additional 13 percent of the corn acreage was planted last week as growers continue to battle wet field conditions. Seventy percent of the acreage has currently been planted, slightly behind last year and the five-year average. Producers in the western part of the State should complete planting this week, if Mother Nature cooperates. Cotton planting has gotten underway on a limited basis. Six percent of the acreage has been planted thus far, with many waiting for improved weather conditions. Growers hope to have the crop planted within the normal planting window which usually ends around the 20th of May. Virtually all the State's tobacco plants are up. Growers are busy treating for disease and preparing for transplanting, which should begin within the next few weeks. Temperatures averaged around 5 degrees below normal last week with some locations reporting a light frost Thursday morning. Most areas of the State received between 1 to 2 inches of rain, leaving four days being considered suitable for fieldwork during the past week. As of Friday, topsoil moisture levels were rated 2 percent short, 84 percent adequate, and 14 percent surplus. Subsoil moisture levels were rated 11 percent short, 80 percent adequate, and 9 percent surplus.

CROP PROGRESS: Through April 30, 2000

CROP CONDITION: On April 28, 2000

Crop	This Week	Last Week	1999	Five Year Avg.	Crop	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Planted	70	57	76	74	Wheat	0	1	16	54	29
Corn - Emerged	40	22	36	N/A	Pastures	0	4	24	56	16
Tobacco - Plants Up	98	91	93	94	Alfalfa	0	3	25	57	15
Cotton - Planted	6	1	10	8						
Winter Wheat - Headed	73	35	61	58						

CORN: Planting continues to progress at a normal pace despite numerous setbacks. Most of the early crop is in good condition, but some low lying fields are in need of drier weather. Light hail damage was reported on the afternoon of April 27 in some isolated locations.

TOBACCO: Growers are preparing fields for transplanting which has begun on a limited scale in some tobacco producing counties. Virtually all the transplants grown in the State are up, and growers are treating for disease and clipping their larger plants. Some cases of Pythium rot and other disease problems have been reported, but the problems are isolated and growers are busy taking corrective measures. Cold weather last week hurt some outdoor float beds, but the damage was not severe and the plants should recover.

COTTON: Six percent of the crop has been planted, but most growers are waiting for better weather conditions. If conditions are warm and dry this upcoming week, producers should make excellent progress.

WHEAT: Some growers are encountering diseases such as barley yellow dwarf and wheat streak mosaic, as well as problems with powdery mildew and aphids. Disease pressure is considered minor at this time, but growers will be keeping an eye on the problem and treat fields as needed. A few areas reported lodging in some fields last week due to heavy thunderstorms. Wheat silage harvest is being slowed by the persistent wet weather.

PASTURES & ALFALFA: Pastures continue to recover from last summer's drought with 72 percent now considered in good-to-excellent condition. Alfalfa is also rated in good-to-excellent condition, and growers will begin cutting their crop soon. Some farmers have begun cutting grass hay.

TEMPERATURES AND PRECIPITATION For week ending: 04/30/00 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 04/30/00				Current Week	Rain	Current	Departure	Since April 1	
	HI	LO	AVG	DFN	04/30/00	Days	Since April 1	From Normal	Total	DFN
Ames_Plantation	80	40	59	-6	1.28	3	5.03	-0.66	55	-61
Bristol	69	32	51	-8	1.04	2	3.56	+0.25	19	-6
Brownsville_TN	78	44	60	-5	1.38	2	5.81	+0.41	48	-12
Chattanooga	75	41	59	-4	1.25	3	8.54	+4.26	67	-2
Clarksville_Sew	74	41	58	-4	2.52	3	6.82	+2.39	44	-29
Cookeville	72	35	54	-6	2.25	4	8.55	+3.89	22	+8
Covington	79	47	61	-4	1.48	2	3.65	-1.87	60	-31
Crossville_AP	67	36	53	-6	1.52	4	6.82	+2.02	22	-6
Dickson_AG	77	34	57	-6	2.35	3	5.69	+0.66	34	-43
Dover_1W	74	42	57	-5	2.05	3	7.20	+2.29	33	-18
Dyersburg	77	45	59	-6	3.32	3	7.12	+2.43	61	-49
Erwin_1W	67	33	50	-7	1.44	4	4.49	+0.48	16	-31
Huntingdon_Wate	76	38	56	-7	1.70	3	4.58	-0.11	13	-48
Jackson_AG	78	40	58	-5	1.58	3	4.97	-0.15	45	-41
Kingston_AG	71	38	55	-5	1.27	3	7.49	+3.00	32	-2
Knoxville_AP	68	38	55	-6	1.57	5	6.70	+3.00	38	-9
Lewisburg	74	34	53	-9	1.97	3	8.56	+3.89	12	-38
Lexington_TN	77	39	57	-6	2.12	3	6.40	+1.78	34	+16
Linden	78	36	56	-6	2.40	3	7.13	+2.26	25	-38
Martin	77	41	58	-5	1.95	3	4.64	-0.39	33	-37
Mc_Minnville_Tn	76	38	56	-7	1.77	5	6.79	+2.35	36	-60
Memphis_AG	80	45	61	-6	0.71	2	4.21	-1.25	56	-84
Milan	78	34	56	-7	0.88	3	4.39	-0.59	16	-55
Murfreesboro_5N	72	38	55	-7	2.58	4	6.98	+2.50	10	-114
Nashville	73	40	57	-6	3.09	4	6.14	+1.76	47	-33
Newcomb	73	32	52	-6	1.12	2	5.68	+1.20	21	+5
Oneida	70	33	52	-6	1.24	4	6.53	+2.05	13	-63
Pikeville	80	37	56	-6	1.25	4	7.48	+3.17	11	-42
Portland_TN	72	42	56	-5	3.07	4	6.78	+2.42	21	-24
Pulaski_Water_P	75	39	56	-8	1.88	3	9.49	+5.04	23	-68
Savannah_6SW	73	40	56	-9	1.20	3	6.24	+0.81	44	-22
Sparta_TN	78	38	55	-6	2.65	6	7.05	+2.45	41	+2
Springfield	72	37	55	-6	2.67	3	6.37	+2.06	20	-25
Springhill	74	38	57	-4	2.07	3	7.44	+2.35	37	-12
Union_City	76	41	57	-6	1.68	3	4.73	-0.07	22	-42

DFN = Departure From Normal (Using 1961-90 Normals Period).
 Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
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